

ABSTRACT

There is provided a fusing system. The fusing system includes a fuser roller, a pressure roller arranged parallel to the fuser roller for providing pressure to a medium passing between the fuser roller and the pressure roller, and a heater external to the fuser roller and applying heat to the fuser roller when the heater is operated to apply heat. The fusing system also includes a control mechanism that controls the heater to reduce heat provided by the heater when the temperature of the heater is determined to be above a predetermined maximum heater temperature.